

CHASSIS

GENERAL MAINTENANCE

(2005/11-2006/01)

1. INSPECT STEERING LINKAGE AND GEAR HOUSING

- (a) Check the steering wheel free play.
- (b) Check the steering linkage for looseness or damage.
 - (1) Check that the tie rod ends do not have excessive play.
 - (2) Check that the dust seals and boots are not damaged.
 - (3) Check that the boot clamps are not loose.
 - (4) Check that the steering gear housing is not damaged.
 - (5) Check that the connectors are properly connected to the steering gear housing.

2. INSPECT BALL JOINTS AND DUST COVERS

- (a) Inspect the ball joints for excessive looseness.
 - (1) Jack up the front of the vehicle and place wooden blocks with a height of 180 to 200 mm (7.09 to 7.87 in.) under the front tires.
 - (2) Lower the vehicle until the front coil spring has about half its ordinary load. Place stands under the vehicle for safety.
 - (3) Check that the front wheels are pointing straight ahead. Use wheel chocks on all 4 wheels.
 - (4) Using a lever, pry up the end of the lower arm. Check the amount of play.

Maximum ball joint vertical play:
0 mm (0 in.)

If there is any play, replace the ball joint.

- (b) Check the dust cover for damage.

3. INSPECT DRIVE SHAFT BOOTS

- (a) Check the drive shaft boots for loose clamps, grease leakage, kinks or damage.

4. INSPECT AUTOMATIC TRANSAXLE FLUID LEVEL

- (a) Visually check the transmission for fluid leakage. If oil is leaking, find the cause and repair it.

Type	See procedures
U140F	See page AX-102
U241E	See page AX-102

5. INSPECT TRANSFER OIL (for 4WD)

- (a) Visually check the transfer for oil leakage. If oil is leaking, find the cause and repair it.

Type	See procedures
Front Oil	See page TF-45
Rear Oil	See page TF-45

6. **INSPECT REAR DIFFERENTIAL OIL (for 4WD)**
 - (a) For the rear differential oil inspection, refer to the following procedures (see page [DF-3](#)).
7. **ROTATE TIRES (See page [TW-1](#))**

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(2006/01-)

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Type	See procedures
U151E	See page AX-126
U151F	See page AX-126

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